
From: Wu, Jennifer
To: Peterson, Erik
Sent: 4/22/2015 1:30:40 PM
Subject: RE: Scientific basis for pesticide-free buffer zones

Hi Erik – I'm glad Justin's contacted you on this. Since he's working more on the effects of aerial application for residences instead of nonfish bearing strams that CZARA was focused on, I'd suggest talking with Sheila Fleming and Elizabeth Allen in OEA on this. They were/are involved with the Triangle Lake in addition to Alan, of course. But Elizabeth might have some insight into the toxicology behind this.

Come to think of it, Dirk Helder would be good as well for his information from OPP in EPA HQ since in FIFRA analyses, they consider aerial application impacts on people. I'd think they have some underlying science on this(?).

Let me know if you want more help, and I'd be happy to share the work as it's great to be supportive of Oregon's steps to introduce legislation on pesticide buffers for residences.

From: Peterson, Erik
Sent: Tuesday, April 21, 2015 4:13 PM
To: Wu, Jennifer
Subject: FW: Scientific basis for pesticide-free buffer zones

Jenny,

I received the following message from Justin Waltz at Oregon Health Authority. He is involved in putting together information for the Oregon legislature in pesticide buffers for forestry.

Given your experience with CZARA, can you suggest a way to go about getting a response to Justin? For example, what group of people could I share this question with to help formulate a useful response?

I looked through the CZARA rationale and I don't think the answer is in there exactly, although, I think the work surrounding the rationale and response to comments should be valuable.

Thanks for any input on how I might go about helping Justin out.

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From: WALTZ Justin [<mailto:justin.waltz@state.or.us>]
Sent: Thursday, April 16, 2015 11:50 AM
To: Peterson, Erik
Subject: Scientific basis for pesticide-free buffer zones

Hi Erik –

Again, I really appreciate your time and willingness to help me out.

A discussion with my contacts at EPA's Office of Pesticide Programs reveals that there isn't any research that's been done (or is being done) at EPA on general pesticide-free buffer zones. In other words, any buffer zones required by EPA are specific to certain pesticides. When they are required, they're stated on the label ("the label is the law" ya-da ya-da).

So my specific question, which I'm hoping you can circulate as appropriate, are:

1. Is there any research (either published or on-going) which concludes anything about the minimal distance needed for a pesticide-free buffer zone between a forestry site undergoing aerial pesticide application and an adjacent or nearby residence?

[I'm asking about "general" pesticide-free buffers for residences, not those on the label of certain pesticides , as required by EPA.]

Also, here is a the Recognition and Management of Pesticide Poisoning 6th Edition, released January 2013. In particular, I draw your attention to Chapter 21 – Chronic Effects. This is the first-time this topic has been explored in this venerable book for healthcare providers. In my opinion, it's telling of EPA's sense that it's going to uncharted territory such that EPA felt the need to devote a Q&A section on that chronic effects section on the online version of this book (but not the book itself).

Anyway, any further assistance would be much appreciated.

Thanks! - JEDW

Justin Waltz, MPH

Program Analyst & Coordinator

PEST Program (Pesticide Exposure Safety & Tracking) & Oregon Radon Program

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